



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lt. Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Harold Runnels Building
1190 South St. Francis Drive (87505)
P.O. Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0187 Fax (505) 827-0160
www.env.nm.gov



BUTCH TONGATE
Cabinet Secretary

J. C. BORREGO
Deputy Secretary

Certified Mail - Return Receipt Requested

July 12, 2018

Mr. Dave Wykoff
LAC Minerals LLC
582 County Road 55
Cerrillos, New Mexico 87010

Re: **LAC Minerals LLC, Cunningham Hill Mine Reclamation Project; SIC 1041; NPDES Compliance Evaluation Inspection; NPDES # NM0028711; June 19, 2018**

Dear Mr. Wykoff;

Enclosed please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Introduction, detailed site observations, and findings noted during this inspection are discussed in the "further explanations" section of the inspection report.

You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and advised to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address below) in writing within 30 days from the date of this letter. Further, you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Robert Houston
US Environmental Protection Agency, Suite 1200
Enforcement Branch (6EN-WS)
1445 Ross Avenue
Dallas, Texas 75202-2733

Sarah Holcomb, Program Manager
New Mexico Environment Department
Surface Water Quality Bureau
Point Source Regulation Section
P.O. Box 5469
Santa Fe, New Mexico 87502

LAC Minerals LLC
July 12, 2018
NM0028711

If you have any questions about this inspection report, please contact Daniel Valenta at 505-827-2575 or at daniel.valenta@state.nm.us.

Sincerely,

/s/Sarah Holcomb

Sarah Holcomb
Surface Water Quality Bureau

Cc: Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
David Long, USEPA (6EN-WM) by e-mail
Amy Andrews, USEPA (6EN-WM) by e-mail
David Esparza, USEPA (6EN-WM) by e-mail
Robert Houston, USEPA (6EN-WS) by e-mail
Darlene Whitten-Hill, USEPA (6EN-WC) by e-mail
Nancy Williams, USEPA (6EN-WC) by e-mail
Robert Italiano, NMED District II by e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 [N] 2 [5] 3 [N] [M] [0] [0] [2] [8] [7] [1] [1]	11 12 [1] [8] [0] [6] [1] [9]	17 18 [C]	19 [S]	20 [2]	
Remarks					
[M] [I] [N] [E] [R] [E] [C] [L] [A] [M] [A] [T] [I] [O] [N]					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 [0] [0] [1] 69	70 [4]	71 [N]	72 [N]	73 [] []	74 75 [M] [I] [N] [O] [R] 80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time /Date	Permit Effective Date
LAC MINERALS (USA) LLC, CUNNINGHAM HILL MINE RECLAMATION PROJECT I-25 South to NM 14 to Cerrillos, left on CR 55 (Goldmine Road) on east side of NM 14 & just south of the Galisteo creek bridge, travel on CR 55 for approximately 5.5 miles to LAC Minerals Gate, follow directions for keypad for entry. Santa Fe County	1004/06-19-2018	October 1, 2016
	Exit Time/Date	Permit Expiration Date
	1039/06-19-2018	September 30, 2021
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
Mr. Dave Wykoff/ Environmental Maintenance Coordinator/ office (505-471-0434) mobile (505-252-9615)	SIC 1041	
Name, Address of Responsible Official/Title/Phone and Fax Number	N. 35°20.170' W. 106°08.414'	
Mr. Dave Wykoff, 582 County Road 55, Cerrillos, New Mexico 87010/ Environmental Maintenance Coordinator/ office (505-471-0434) mobile (505-252-9615)	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	N	Flow Measurement	N	Operations & Maintenance	N	CSO/SSO
S	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	N	Storm Water		Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. See Report and Narrative

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Daniel Valenta /s/Daniel Valenta	(505) 827-2575	7/12/2018
Signature of Management QA Reviewer	Agency/Office/Phone and Fax Numbers	Date
Jennifer Foote /s/Jennifer Foote	(505) 827-0596	7/12/2018

LAC Minerals (USA) LLC		PERMIT NO. NM0028711	
SECTION A - PERMIT VERIFICATION			
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u>)	
DETAILS:			
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
4. ALL DISCHARGES ARE PERMITTED		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
SECTION B - RECORDKEEPING AND REPORTING EVALUATION			
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u>)	
DETAILS:		All DMRs are up-to-date.	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.,		Outfall 001 has never discharged.	
		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
b) NAME OF INDIVIDUAL PERFORMING SAMPLING		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
c) ANALYTICAL METHODS AND TECHNIQUES.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
d) RESULTS OF ANALYSES AND CALIBRATIONS.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
e) DATES AND TIMES OF ANALYSES.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
f) NAME OF PERSON(S) PERFORMING ANALYSES.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
SECTION C - OPERATIONS AND MAINTENANCE			
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>No</u>)	
DETAILS:			
1. TREATMENT UNITS PROPERLY OPERATED.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
2. TREATMENT UNITS PROPERLY MAINTAINED.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED .		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
5. ALL NEEDED TREATMENT UNITS IN SERVICE		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> O <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA	
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	
PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED.		<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	

LAC Minerals (USA) LLC		PERMIT NO. NM0028711	
SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)			
9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
SECTION D - SELF-MONITORING			
PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. DETAILS:		<input type="radio"/> S <input type="radio"/> M <input type="radio"/> U <input checked="" type="radio"/> NA (FURTHER EXPLANATION ATTACHED <u>No</u>).	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
6. SAMPLE COLLECTION PROCEDURES ADEQUATE		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
a) SAMPLES REFRIGERATED DURING COMPOSITING.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
b) PROPER PRESERVATION TECHNIQUES USED.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT?		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
SECTION E - FLOW MEASUREMENT			
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. DETAILS:		<input type="radio"/> S <input type="radio"/> M <input type="radio"/> U <input checked="" type="radio"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u>)	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. TYPE OF DEVICE No measuring device in place; one will be installed if water rises.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
4. CALIBRATION FREQUENCY ADEQUATE.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
RECORDS MAINTAINED OF CALIBRATION PROCEDURES.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
6. HEAD MEASURED AT PROPER LOCATION.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES.		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	
SECTION F – LABORATORY			
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. DETAILS:		<input type="radio"/> S <input type="radio"/> M <input type="radio"/> U <input checked="" type="radio"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u>)	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES)		<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> NA	

LAC Minerals (USA) LLC						PERMIT NO. NM0028711	
SECTION F - LABORATORY (CONT'D)							
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED						Y N X NA	
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT.						S O M U X NA	
4. QUALITY CONTROL PROCEDURES ADEQUATE.						S M U X NA	
5. DUPLICATE SAMPLES ARE ANALYZED. ____ % OF THE TIME.						Y N X NA	
6. SPIKED SAMPLES ARE ANALYZED. ____ % OF THE TIME.						Y N X NA	
7. COMMERCIAL LABORATORY USED.						Y N X NA	
LAB NAME							
LAB ADDRESS							
PARAMETERS PERFORMED							
SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. S M O U X NA (FURTHER EXPLANATION ATTACHED No.).							
OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	
RECEIVING WATER OBSERVATIONS							
SECTION H - SLUDGE DISPOSAL							
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. DETAILS:				S M U X NA (FURTHER EXPLANATION ATTACHED NO.).			
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY.				S M U X NA			
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503.				S M U X NA			
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: agricultural				(e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)			
SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED No.).							
1. SAMPLES OBTAINED THIS INSPECTION.						Y X N NA	
2. TYPE OF SAMPLE OBTAINED							
GRAB		COMPOSITE SAMPLE		METHOD		FREQUENCY	
3. SAMPLES PRESERVED.						Y N X NA	
4. FLOW PROPORTIONED SAMPLES OBTAINED.						Y N X NA	
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE.						Y N X NA	
6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE.						Y N X NA	
7. SAMPLE SPLIT WITH PERMITTEE.						Y N X NA	
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED.						Y N X NA	
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT.						Y N X NA	

Compliance Evaluation Inspection
LAC Minerals (USA) LLC
NPDES Permit No. NM0028711
June 19, 2018

Introduction

On April 16, 2013, a Compliance Evaluation Inspection (CEI) was conducted at LAC Minerals (USA) LLC, Cunningham Hill Mine Reclamation Project, located southeast of Cerrillos, New Mexico, by Mr. Daniel Valenta and Ms. Sandra Gabaldon of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB). This facility is classified as a minor industrial discharger under the federal Clean Water Act (CWA), Section 402 National Pollutant Discharge Elimination System (NPDES) permit program, and is assigned NPDES permit number NM0028711. The permittee is authorized to discharge overflows from open pit pool. Any unauthorized surface discharge due to, but not limited to, a direct hydrologic connection of seepage of open pit water, is prohibited. To date, there have been no NPDES reported discharges from Outfall 001 at this facility.

In the event of a discharge from outfall 001, effluent would discharge into Lower Cunningham Gulch, an intermittent water in Segment 20.6.4.98 of the Rio Grande Basin NMAC (*State of New Mexico Standards for Interstate and Intrastate Surface Waters 20.6.4 NMAC*). Designated uses of this segment are livestock watering, wildlife habitat, limited aquatic life, and secondary contact. Cunningham Gulch connects to Galisteo Creek approximately eight (8) miles downstream from Outfall 001. Galisteo Creek is a tributary of the Rio Grande in Segment 20.6.4.110 NMAC.

The inspector arrived at the facility office at 1004 hours and conducted an entrance interview with Mr. Dave Wykoff, Environmental Maintenance Coordinator, Cunningham Hill Mine Reclamation Project, LAC Minerals (USA) LLC. The inspector made introductions, showed his credentials and stated the purpose of the inspection. An exit interview to discuss preliminary findings of the inspection was held onsite with Mr. Dave Wykoff. The inspector exited the facility approximately 1039 hours.

The NMED performs a specific number of CEI's annually for the United States Environmental Protection Agency (USEPA). The purpose of the inspection is to provide the USEPA with information to evaluate the permittee's compliance with their NPDES permit. The enclosed inspection report is based on verbal information supplied by the permittee's representative, observations made by the NMED inspector and a review of records maintained by NMED. Findings of the inspection are detailed on the attached USEPA form 3560-3.

Facility Description

LAC Minerals (USA) LCC, Cunningham Hill Mine Reclamation Project was an active open pit gold mine and cyanide heap leach operation from 1979 through 1987.

Compliance Evaluation Inspection
LAC Minerals (USA) LLC
NPDES Permit No. NM0028711
June 19, 2018

The site is now in the post-closure and reclamation phase. Water in the open pit consists of mine drainage from ground water inflow and storm water conveyed from Upper Cunningham Gulch. Based on modeling studies conducted by the permittee, the existing pit has sufficient capacity to retain both storm water and mine drainage for approximately 60 years before a surface water discharge from the pit may be necessary.

Seeps and springs in the vicinity below the waste rock pile and open pit include Dolores Seep, Dolores Spring (both located in Dolores Gulch), and Deer Spring (located west of Dolores Gulch). According to the permittee's representatives, mine related impacts of these seeps, springs, and other surface water is prevented by existing ground water treatment systems in the vicinity of the waste rock pile and residue pile (heap leach site).

**NMED/SWQB
Official Photograph Log**

Photo # 1

Photographer: Daniel Valenta	Date: 6/19/2018	Time: 1016
City/County: Approximately 8 miles south of Los Cerrillos, NM/ Santa Fe County		
Location: Picture taken from south side of LAC Minerals open pit mine facing north.		
Subject: LAC Minerals open pit mine.		



**NMED/SWQB
Official Photograph Log**

Photo # 2

Photographer: Daniel Valenta	Date: 6/19/2018	Time: 1012
City/County: Approximately 8 miles south of Los Cerrillos, NM/ Santa Fe County		
Location: Picture taken from south side of LAC Minerals open pit mine facing north.		
Subject: A stormwater capture system has been installed.		

